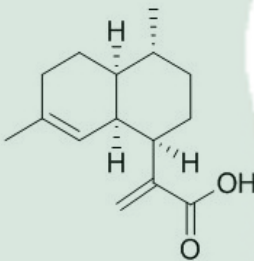


PRODUCT ID	E-2291	Structure 
PRODUCT	Artemisinic acid/青蒿酸	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	18031623	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2018-03-16	
DATE OF REPORT	2018-03-16	

OTHER NAME	NA
CHEMICAL FORMULA	C ₁₅ H ₂₂ O ₂
MOLECULAR WEIGHT(MW)	234.33
CAS NUMBER	80286-58-4
CHEMICAL FAMILY	Sesquiterpenoids

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK630—2010	NLT ≥98.0%	99.7%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK630—2010	NA	ND
Water	Q/TFFK630—2010	≤2%	Conforms
Appearance		White Crystal	Conforms

STORAGE CONDITIONS

STORAGE	Refer to the label
SHELF LIFE	2 Years

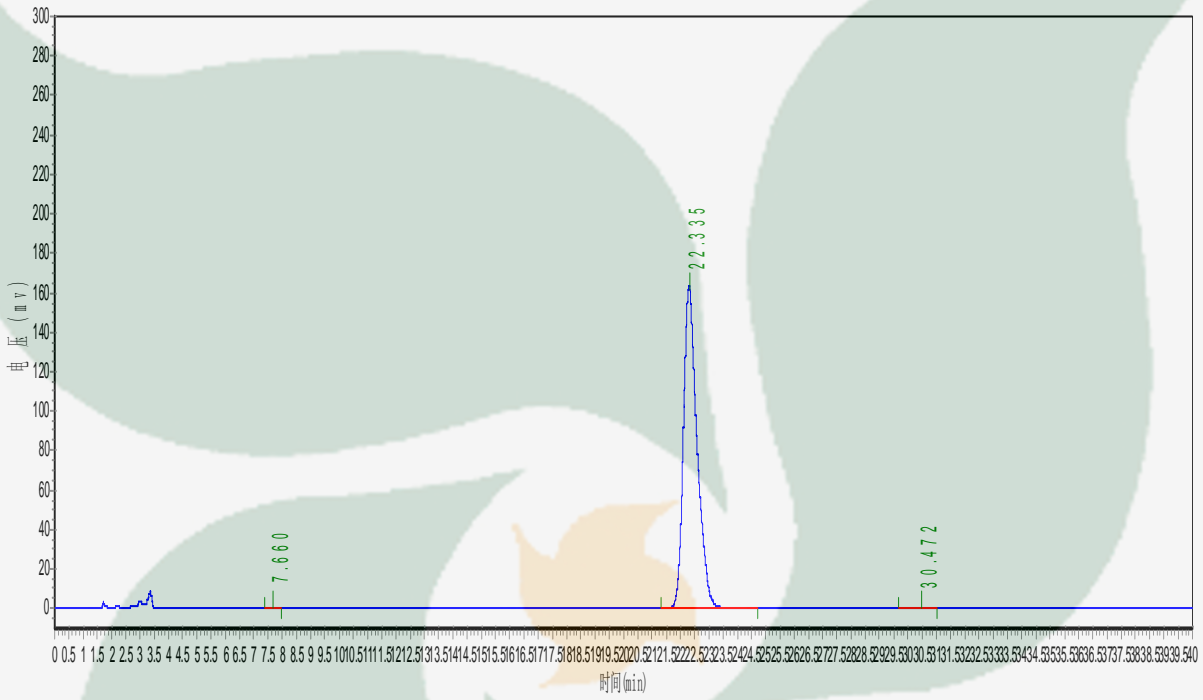
Analyst

Checker

Manager

Product Analysis Report

Product Name: Artemisinin acid **Chrom-Column:** C18
Lot Number: 18031623 **Mobile Phase:** ACN:0.1%H3PO4=63:37
Detector: UV **Wavelength:** 220nm
Detect Time: 2018-03-16 **Inject Vol:** 20ul
Sample dissolution 95%MeOH **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	7.660	335.902	7691.688	0.1409
2	22.335	163099.969	5449541.000	99.7960
3	30.472	83.955	3449.339	0.0632